



# AXIS MECHANICAL

SLAC  
National Accelerator Laboratory  
Supplier Diversity Presentation  
March 1, 2023

# OVERVIEW

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YEAR ESTABLISHED  
2012

STATE CONTRACTORS LICENSE  
#974024

MARKETS SERVED

- HEALTHCARE
- LIFE SCIENCES
- COMMERCIAL
- LABORATORIES
- DATA CENTERS
- BIOTECHNOLOGY
- CORPORATE OFFICE
- CLEANROOMS



THIS CERTIFIES THAT

# Axis Mechanical, Inc.

\* Nationally certified by the: **WESTERN REGIONAL MINORITY SUPPLIER DEVELOPMENT COUNCIL**

\*NAICS Code(s): 238220

\* Description of their product/services as defined by the North American Industry Classification System (NAICS)

11/30/2021

**Issued Date**

11/30/2022

**Expiration Date**

WR01829

**Certificate Number**

  
**Ying McGuire**  
NMSDC CEO and President

  
**Cecil Plummer, President**

By using your password (NMSDC issued only), authorized users may log into NMSDC Central to view the entire profile: <http://nmsdc.org>

*Certify, Develop, Connect, Advocate.*

\* MBEs certified by an Affiliate of the National Minority Supplier Development Council, Inc.®



# CONSTRUCTION

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GROUND-UP, RENOVATIONS AND TENANT IMPROVEMENTS

- PRECONSTRUCTION
  - ESTIMATING
  - DESIGN ASSIST
  - DESIGN-BUILD
  - 3D MODELING / BUILDING INFORMATION MODELING
  - DIGITAL SCANNING AND MAPPING
  - CUSTOM PIPING AND DUCTWORK DESIGN & FABRICATION
- PROCESS PIPING
  - PLUMBING
  - SHEET METAL
  - INSTALLATION, SYSTEM START-UP AND COMMISSIONING
  - BUILDING MANAGEMENT SYSTEMS / CONTROLS
  - LEED CERTIFICATION
  - ENERGY CONSERVATION



# SERVICE & MAINTENANCE

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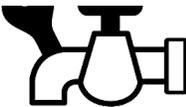
# SERVICE & MAINTENANCE

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## HVAC

Repairs and preventative maintenance for Air Handling Units, Cooling Towers, Chillers, Compressors, Boilers, Fan Wells and all equipment for HVAC systems. This includes system tune-ups, cleaning, part and filter changes, mechanical retrofits and assessment and remediation of equipment failure for emergency repairs.



## PLUMBING

Repairs and preventative maintenance for Domestic Water and Sanitary Sewer. This includes assessing, upgrading and maintaining Sewer Lines, Drains, Domestic Hot Water, Storage Tanks, Grey Water, Water Filters, Steam Traps and Sewage Ejector Pumps.

# SERVICE & MAINTENANCE

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## **BUILDING MANAGEMENT SYSTEMS (BMS)**

Controller Checks, Field Calibration, Control Valve Operation, Transducer Operation, Sensor Calibration, Carbon Monoxide Sensor Calibration, Switchboard modifications, Status & Alarm Checks.



## **COMFORT BALANCE**

Inspect air handling system for air flow functionality, measurement of air being distributed through and outside of system, understand users' cooling/heat requirements, and make adjustments to volume dampers to increase or decrease air flow to achieve desired temperature comfort levels. Typically performed twice yearly.

# TEAM

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**MIKE HERRERA**  
Co-Founder



**TOM BEST**  
Co-Founder



**JONATHAN DIAZ**  
Co-Founder



**JOHANNES CLARK**  
Project Manager

# BENEFITS OF HIRING LOCAL SKILLED LABOR

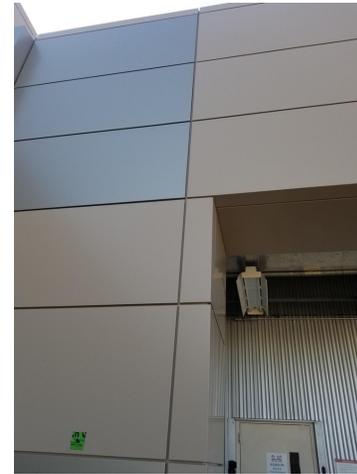
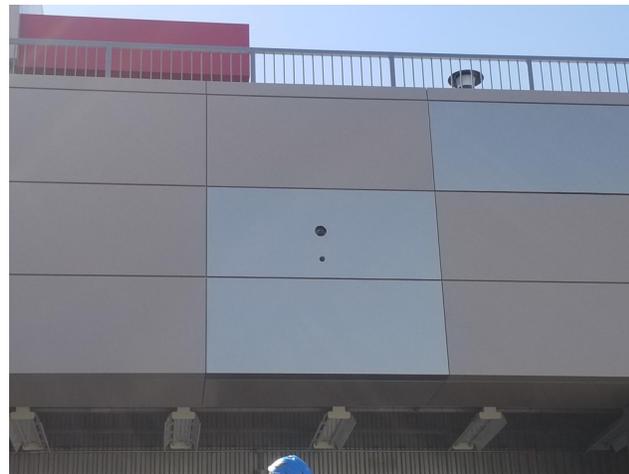
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# SLAC B950 INSULATION & ARCHITECTURAL

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Prime Mechanical Contractor supporting multiple phase of the construction work. Provide extensive Lifting and Elevated Work Planing to the DOE and SLAC Standards. Completed Re-insulation and New Paneling of a 25' Single Story Building. Followed all rules and regulation pertaining to working at SLAC a DOE facility.



# SLAC B950 INSULATION & ARCHITECTURAL

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# SLAC B023 COMPRESSOR

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Prime Mechanical Contractor supporting the HVAC, HVAC Piping, Plumbing, Electrical, Concrete, Roofing, and On-Site Safety Supervision. Provided a replacement Plant Air Compressor to replace and upgrade the existing capacity of the system. Followed all rules and regulation pertaining to working at SLAC a DOE facility. Supported the SLAC Procurement department with coordination and expertise to provide a successful delivery and execution.

# SLAC BUILDING 006 CRYO / EM LABS

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HVAC and Process Piping Installation for a Cryco Lab space and EM Labs. Provided and installed many new systems including Lab Supply and Exhaust Air, Chilled Water Piping, Lab Waste and Vent, Specialty Fully Welded S.S Lab Gas Piping. Coordinated the Procurement and Delivery of (1) Custom AHU and Chiller Cooling Package. Supported the team in many aspects of the project and take a hands on approach to end user coordination. Followed all rules and regulation pertaining to working at SLAC a DOE facility.

# OLYMPUS MANUFACTURING / R&D

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- Manufacturing Facility Renovation.
- 100,000 square foot renovation and upgrade.
- 30-foot-high ceilings
- 9,000 hours of work, installed 15,066 linear feet of duct, 130,000 pounds of sheet metal
- Project utilized hundreds of different duct sizes, with the largest one at 108” tall x 82” wide.



# KAISER UNION CITY COOLING TOWERS

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- Cooling Tower Replacement.
- Demo and safed off of existing cooling towers, pumps and separator
- New cooling towers, condenser pumps and separator pump
- New VFDs, DDC Controls
- BAC Equipment & Controls Training

# TOOL HOOK-UP EXPERTISE

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Private client. Healthcare DI Skid



Private client. High Purity Oxford Tool Gas Cabinet